Monthly Divisional Report

New Jersey State Highway Department

April 1961

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1961-04
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Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Accounting and Administrative Services

Bureau: Administration

CONTRACTS

Bids received on five (5) projects and necessary report and certificates of award prepared. Twelve (12) contracts awarded; contracts prepared and forwarded for execution. Execution of twenty-three (23) contracts completed. Seven (7) projects advertised for bids. One hundred seventy-seven (177) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules prepared listing a total of three hundred thirty-three (333) items; which by a combination of items where possible represents action on four hundred fifty-nine (459) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

178 Standard Specifications issued
35 Book of Materials issued
4 Deposits made for transmittal of income
16 Traffic Regulations certified to Division of Motor Vehicles
168 Property Agreements attested and processed
14 Agreements attested and processed
48 Municipal Aid contracts, applications, agreements, transfers, etc. certified
16 General Releases executed
1 Deed of Conveyances acknowledged and processed
1 Lease Agreement executed
2 Utility Orders attested and processed
3 Highway Lighting Reimbursement Agreements executed

General correspondence, filing and answering telephone inquiries.

Receiving and reading bids at four lettings.

Kenneth D Rice

Kenneth D. Rice
Secretary

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MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Accounting & Administrative Services

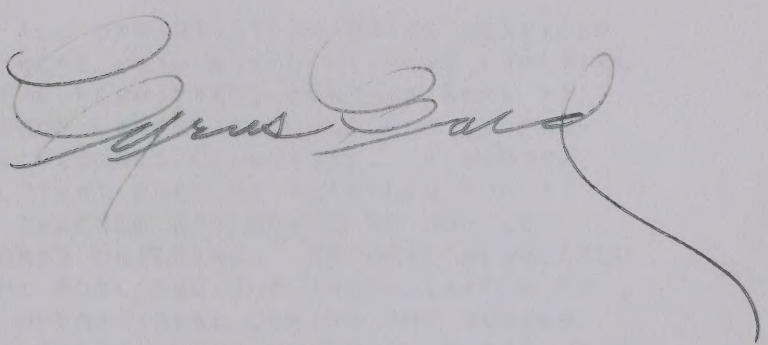
Bureau: Office of Comptroller &
Auditing & Accounting

The Comptroller attended various meetings and conferred with Bureau Heads anent routine operations of the Division of Accounting and Administrative Services.

Approximately 3100 invoices were passed for payment covering materials, supplies, contractor's estimates, right of way invoices, etc.

Warrants were drawn for 46 County and Municipal Aid payments amounting to $1,102,022.15; funds were certified on contracts, price agreements, transfer forms, etc.

Statements are being prepared and typed for the March 31st Quarterly Report of Expenditures and Commitments of the Highway Department.



Form #AD-39

MONTHLY DIVISIONAL REPORT Month of APRIL 1961

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

REQUESTS FOR OFFICE FURNITURE AND MACHINES IS STILL ON THE UPGRADE. SOME REQUESTS HAVE BEEN FILLED FROM SURPLUS. EVEN THOUGH THE 1961 BUDGET WILL BECOME EFFECTIVE AS OF JULY, I STILL DO NOT FEEL THAT THE MONEY ALLOTTED FOR OFFICE FURNITURE AND MACHINES WILL BE SUFFICIENT.

SURVEYS HAVE BEEN CONDUCTED IN REGARDS TO AIR CONDITIONERS TO BE INSTALLED IN VARIOUS LOCATIONS IN THE HIGHWAY DEPARTMENT THROUGHOUT THE STATE. I WAS ACCOMPANIED BY MR. WASHBURN, REPRESENTING EQUIPMENT BUREAU AND MR. RASMUSSEN, REPRESENTING ELECTRICAL BUREAU. IN A PERIOD OF TWO WEEKS, LOCATIONS IN 125 OFFICES WERE SURVEYED. A LIST IS NOW BEING SUBMITTED FOR APPROVAL TO COMMISSIONER PALMER.

THE TELEPHONE SERVICES FOR THE RIGHT OF WAY OFFICE IN OUR NEWARK BUILDING HAS BEEN COMPLETED. THIS INSTALLATION, I UNDERSTAND THROUGH MR. CORDO, HEAD OF THE OFFICES IN THIS BUREAU, IS WORKING OUT VERY SATISFACTORY. IT WAS NECESSARY TO INSTALL A TWO POSITION BOARD DUE TO THE LARGE VOLUME OF CALLS.

FILES AND RECORDS

REGULAR FILING OPERATIONS IN ALL ORGANIZATION UNITS SERVICED BY THE CENTRAL FILES SECTION WERE MAINTAINED WITHOUT EXPERIENCING ANY DIFFICULTIES. AS TIME PERMITTED, FURTHER WORK WAS DONE ON IMPLEMENTING THE RECORDS DISPOSAL SCHEDULES AS PREVIOUSLY APPROVED BY THE STATE RECORDS COMMITTEE. A NUMBER OF BOXES OF INACTIVE MATERIAL THAT MUST BE RETAINED FOR A NUMBER OF YEARS WERE PACKED, INDEXED AND MOVED TO OUR LOW COST STORAGE AREA IN THE RECORDS BUILDING. WE HAVE REQUESTED FOUR AIR CONDITIONERS FROM THE POOL AND THE INSTALLATION OF THESE WILL MAKE THE BUILDING OPERATIONAL DURING THE SUMMER AND ALSO LESSEN THE DANGER OF SPONTANEOUS COMBUSTION FROM THE CLOSE PACKING OF SO MANY MILLIONS OF RECORDS. AT PRESENT THE EXCESSIVE HEAT ACCUMULATION MAKES IT IMPOSSIBLE TO REMAIN IN THE BUILDING MORE THAN A FEW MINUTES DURING THE SUMMER MONTHS.

MAIL ROOM

DURING THE MONTH OF APRIL WE SPENT $2,000.00 IN POSTAGE. THE GREATEST AMOUNTS WERE CHARGED TO THE BUREAU OF CONSTRUCTION, PUBLIC RELATIONS AND THE SECRETARY'S OFFICE.

IN ADDITION TO OUR REGULAR WORK, WE FOLDED, HELP COLLATE AND STAPLED 5,000 BOOKLETS FOR THE BUREAU OF PUBLIC INFORMATION. WE ALSO FOLDED AND STAPLED THE INTEROFFICE TELEPHONE BOOKS FOR THE HIGHWAY BUILDING.

OUR BULK MAIL HAS INCREASED DUE IN SOME RESPECTS TO THE FACT THAT WE ARE SENDING OUT THE NEW BOOK OF STANDARD SPECIFICATIONS.

Form #AO-39

MONTHLY DIVISIONAL REPORT Month of APRIL 19[illegible]

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

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MONTHLY DIVISIONAL REPORT Month of APRIL 1961

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

MAIL ROOM CON'D.

WE TRY TO EXPLAIN TO THE VARIOUS CLERKS HOW TO DIFFERENTIATE BETWEEN THE DIFFERENT CLASSES OF MAIL. IT'S SURPRISING HOW FEW PEOPLE KNOW WHAT CONSTITUTES FIRST, SECOND, THIRD AND FOURTH CLASS IN THE HUNDREDS OF PACKAGES AND LETTERS THAT GO OUT OF THE HIGHWAY BUILDING DAILY. I, MYSELF, HAVE SPENT SOME OF MY SPARE TIME IN GOING AROUND TO THE VARIOUS BUREAU HEADS, TO EXPLAIN HOW TO RECONGNIZE THE DIFFERENCE. THE PEOPLE HAVE BEEN MOST COOPERATIVE. WE FIND IT VERY HELPFUL AS WE OFTEN HAVE TO WORK FAST TO KEEP THE SCHEDULE WE MAINTAIN.

DUPLICATING SECTION

DURING THE PAST MONTH THE USUAL ROUTINE ASSIGNMENTS WERE COMPLETED. THESE INCLUDED THE MINEOGRAPHING OF FORMS, SPECS, RELEASES, LETTERS, ADS, BID CARDS, REPORTS, SPEECHES, ETC. MANY OTHER FORMS WERE PRINTED BY OFFSET AND SEVERAL HUNDRED PAPER MASTERS WERE PROCESSED BY XEROGRAPHY AND RUN ON OFFSET.

THE PRINTING OF THE REVISED TELEPHONE DIRECTORY HAS BEEN FINISHED. THE PRINTING OF A BROCHURE "HIGHWAY CONSTRUCTION MAKES JOBS", HAS ALSO BEEN COMPLETED. THIS LATTER JOB WAS ONE OF THE MOST DIFFICULT ASSIGNMENTS EVER UNDERTAKEN IN THE DUPLICATING SECTION OF THE BUREAU OF OFFICE SERVICES. MOST OF THE DIFFICULTY WAS CAUSED BY THE LARGE COVERAGE OF GREEN ON THE COPY, IN FACT, WE WERE TOLD THAT IT WAS ALMOST IMPOSSIBLE TO DO THIS JOB ON OUR PRESENT EQUIPMENT. DUE TO THE EXCEPTIONAL ABILITY OF OUR PERSONNEL THE JOB WAS COMPLETED.

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MONTHLY DIVISIONAL REPORT Month of APRIL 19 61

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

MAIL ROOM cont'd.

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THE PRINTING OF THE PAVED TELEPHONE DIRECTORY HAS BEEN FINISHED. THE PRINTING OF A BROCHURE "Fishway Construction Needs Does", HAS ALSO BEEN COMPLETED. THIS LATTER JOB WAS ONE OF THE MOST DIFFICULT ASSIGNMENTS EVER UNDERTAKEN IN THE DUPLICATING SECTION OF THE BUREAU OF OFFICE SERVICES. MOST OF THE DIFFICULTY WAS CAUSED BY THE LARGE QUANTITY OF GREEN ON THE COPY. IN FACT, WE WERE TOLD THAT IT WAS ALMOST IMPOSSIBLE TO DO THIS JOB ON OUR PRESENT EQUIPMENT. DUE TO THE EXCEPTIONAL AGILITY OF OUR PERSONNEL THE JOB WAS COMPLETED.

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MONTHLY DIVISIONAL REPORT Month of APRIL 1961

Division: Accounting and Administrative Services

Bureau: Purchase and Stores

During the month of April 1961, the activities in the Bureau of Purchase and Stores were of a routine nature. Order Requests were received from various Bureaus and Departments, for which Detailed Applications were prepared and forwarded to the Division of Purchase and Property. These applications covered a variety of material and equipment procured for the use of the Highway Department.

Started applications to the Bureau of Purchase and Property for the procurement of maintenance materials for the coming season.

Approximately 40 salesmen representing varied manufacturers and distributors were interviewed during the month and about 10 meetings were attended having to do with various Departmental matters.

Clifford Read

Supv., Purchase and Stores Bureau

MONTHLY DIVISIONAL REPORT Month of APRIL 19 61

Division: BRIDGE
Bureau: BRIDGES UNDER CONSTRUCTION

ROUTE	SECTION		% OF COMPLETION
4 & US1,9,46	2B & 1C	2 Ped. O.P.: Grand Avenue Bergen Co. Washington Terrace	0
10	4B&5A	Canoe Brook Br. & Wall, Essex Co.	95
21	1C	14 Structures, Essex-Passaic Cos.	92
US 22 4 US 46	13A-14A 2A 15A	4 Ped. O.P. and Stairs, Union & Bergen Cos.	100
US 22	10A	U.P. at Relocated Mountain Ave., Somerset Co.	5
28	1A&7A	LVRR Br. at Westfield Ave., Union Co.	31
28	3A&4A	Brs. over Green Brook & Bound Brook, Somerset & Middlesex Cos.	43
US 40	2A	Game Cr. Bridge, Salem Co.	75
49	2A	Penns Neck Br. (Fender System Repair), Salem Co.	1
50	1A&2A	Cedar Swamp Cr. Bridge, Cape May Co.	1
78	2F	2 O.P. at CRR & LVRR, Hunterdon Co.	99
80	2E	10 Bridges, Morris Co.	97
80	2J	4 Structures, Morris Co.	59
80	5G	Hackensack Riv. Br. Substructure, Bergen Co.	7
80	5H	Hackensack Riv. Br. Superstructure, Bergen Co.	0
82	1A	LVRR Bridge at Morris Ave., Union Co. (corr.)	85
95	1D	2 O.P. at Broad Ave. & Grand Ave., Bergen Co.	74
95	1E	U.P. at Edgewood Road, Bergen Co.	25
95	1G	7 Structures, Bergen Co.	3
95	1H	Viaduct over NRR of NJ & 30' Channel, Bergen Co.	1
129&29	1A&15A	8 Structures, Del.Riv. to Scotch Road, Mercer Co.	29

(cont.)

MONTHLY DIVISIONAL REPORT — MONTH OF APRIL, 1961

Division: Bridge

Bureau: Bridges under Construction

ROUTE	SECTION		% OF COMPLETION
US 130	7A&8B	3 Bridges, Camden & Burlington Cos.	97
US 130	7B&10B	2 Culverts, Camden & Burlington Cos.	57
169	1	3 Brs., Pt. Breeze to Constable Hook, Camden Co.	95
202	8A	6 Bridges, Hunterdon & Somerset Cos.	60
208	2C	O.P. at NYS & WRR, Bergen Co.	27
287	1B	9 Bridges, Somerset Co.	98
287	10A&2B	7 Bridges, Somerset & Middlesex Cos.	100
287	2C	6 Structures, Middlesex Co.	29
295	1C	9 Structures, Camden & Gloucester Cos.	95
295	1D	4 Structures, Camden & Gloucester Cos.	100
US322	3A	3 Bridges, Atlantic Co.	100

Cape May County	Roosevelt Blvd. Br. over Crook Horn Thorofare	24
Hudson County	Palisades Ave. Br. over Ravine Road	88
Morris County	Bridge over Black Brook on Columbia Turnpike	6
Hunterdon County	Covered Bridge #304 & New Bridge over Wickecheoke Creek on Route Road #32	1
Monmouth County	Gooseneck Bridge over Shrewsbury River	1
Delaware River Joint Toll Bridge Commission -	Contract #25 - Bushill St. Bridge, Approaches to Delaware River Bridge, Phillipsburg	60

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MONTHLY DIVISIONAL REPORT Month of APRIL 1961

Division: Bridge

Bureau: Design Section

ROUTE	SECTION	PROCESSING PLANS AND SPECIFICATIONS
US 1		Overpass at PRR Main Line (Deck Repairs)
US 1		Pulaski Skyway (Repair to Piers)
US 1		Underpass at Woodbridge Avenue
3	2	Hackensack River Bridge (Redecking)
3	2	Hackensack River Bridge (Proposed) - Hardesty & Hanover, cons.
3 & 21		Sign Structures
9		Bass River Bridge (Steel Grid Deck)
9		Nacote Creek Bridge (Steel Grid Deck)
10	9	Culvert over West Branch of Rahway River
13	1	Lovelandtown Bridge Extension
18	1A	S.B. Bridge over Raritan River Railroad
18		Underpass at Relocated Milltown Road
18		Underpass at Cranbury Road
22 WB	1C	Pedestrian Overpass (Vicinity of Phillipsburg High School)
22		Newark Viaduct (Deck Repairs)
23	15B	Bridge over Mill Brook
23		Branches of Peckmans Brook (Fence on 2 Culverts)
24	12A&13B	Culvert over Van Winkle Brook (Repairs)
27	8B	Culv. at Peach Orchard Brook, Sta.446+19 - Clarke & Hartman, cons.
27		Culv. at 6-Mile Run, Sta. 295+06.50
35		Shark River Bridge (Steel Grid Deck)
50		Tuckahoe River Bridge (Steel Grid Deck)
52		Brs. over Beach, Rainbow & Elbow Thorofares & Ship Channel(DeckRepair
78	2G	6 Bridges - Parsons, Brinckerhoff, Quade & Douglas, cons.
78	3	24 Bridges, Annandale to Pluckemin - Parsons, etc., cons.
78	4	18 Bridges, Pluckemin to Berkeley Hgts.-DeLeuw,Cather & Brill, cons.
80	4	Bridges, Bergen-Passaic Expressway - Fay,Spofford & Thorndike, cons.
80	5	Bridges, Bergen-Passaic Expressway - Parsons, etc., cons.
80-23		Interchange, 17 Structures - Fay, Spofford & Thorndike, cons.
95-80		Interchange, 6 Structures - Parsons, etc., cons.
US130		Underpass at Federal Street - John G. Reutter, cons.
US130	7B&10B	Culvert at Tanners Run
168		Culvert at Sta. 112+50, Black Horse Pike
206		Bridge over Paulins Kill Creek
208		Morlot Avenue Grade Separation
287	3B	5 Structures, East of New Durham Road - Madigan-Hyland, cons.
287	4A	6 Structures - Madigan-Hyland, consultants
287		20 Structures, Rt.202 to Rt.78 Interchange - Madigan-Hyland, cons.
295	2E	7 Structures - Sherman, Taylor & Sleeper, cons.
295	2F	5 Structures - Sherman, Taylor & Sleeper, cons.
Morris Co.		Howard Blvd. & DL&WRR Bridge at County Rt. 264

PROJECTS ADVERTISED FOR BIDS

US22	14B	Overpass at LVRR & Liberty Ave. - Bids May 18, 1961
80	5N	6 Structures - Bids May 25, 1961
US130-206	1A	2 Overpasses - Bids received 4/27/61. Kingston Bit.Prod.,low bidder.
287	3A	6 Structures, Stelton Rd.to New Durham Rd. -Bids May 4, 1961.
4&1-9-46	2B&1C	2 Ped.O.P.at Grand Ave.&Washington Terrace - Bids 4/13/61. Awarded to Scaletti-Knowles, Inc. 4/27/61.
49	2A	Penns Neck Bridge (Fender Repair)-Bids rec'd 4/6/61. Awarded 4/11/61 to Arthur R. Henry, Inc.

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MONTHLY DIVISIONAL REPORT Month of APRIL 19 61

Division: Bridge

Bureau: Design Section Sheet #2 of 2

ROUTE	SECTION	PLANS SUBMITTED TO BUREAU OF PUBLIC ROADS
208	2B	2 Overpasses, 5 Culverts - Goodkind & O'Dea, consultants
287	3C	4 Structures, Whitman Ave. to Rt. US1 - Madigan-Hyland, cons.
287	12A&13A	5 Structures, From US202 to Vreeland Ave. - Goodkind & O'Dea, cons.

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MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Maintenance and Operations
Bureau: Electrical Operations

OPERATION

31 movable bridges, full time; 7 on 24 hour notice.

MAINTENANCE

1,018 traffic signals, 5 lane control systems, 773 illuminated signs, 38 movable bridges, 237 mobile radio units, 10 base stations.
Replacement, equipment knocked down, 28 locations.

CONSTRUCTION BY BUREAU FORCES

1 new traffic signal, 2 traffic signals removed.
18 traffic signal revisions; 17 completed. 14 traffic signals under construction.

CONSTRUCTION BY CONTRACT

Highway lighting, Route I-287, Sections 1D and 2D, 0%.
Traffic signals and lighting, Route U.S.130, Sections 7D and 10C, 5%.

DESIGN BY BUREAU FORCES

Highway lighting, Route I-80, Howard Boulevard to Route 46, 5% complete.
Highway lighting, Scudders Falls Bridge Approach, 75% complete.
Highway lighting, Route I-295, Route 42 Freeway to Route U.S.130, 99% complete.
Traffic signals, for roadway construction, 21 partially complete.
22 field surveys and drawings for Bureau of Planning and Traffic.
Specifications prepared, FAS - 0, State Aid - 0, Consultants (2).

DESIGN BY CONSULTANTS

Highway lighting, Route I-287, River Road - Route U.S.1, 35% complete.
Highway lighting, Route I-80 and I-85, Parkway to George Washington Bridge, 60% complete.
Highway lighting, Route I-80, West of Parkway, Contracts #1,2,3,4,5, 85% complete.

INSPECTION

35 PUO relocations; 12 FAS projects; electrical work in 32 road construction projects.
2 prime electrical contracts; 1 State Aid.

NEGOTIATIONS

8 traffic signals under negotiations; 5 complete.
14 field inspections and contacts with local officials, 5 on traffic signals.

CLAIMS

Payments received $12,014.07
Property damage claims set up, 30
Traffic signal cost-sharing claims set up, 1
Work Orders issued resulting in claims, 21

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MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Maintenance and Operations

Bureau: Maintenance

SIGNS AND LINES SECTION

Erected new type green directionary signs on Route 4, Fort Lee to Paterson; Route 30, Berlin to Atlantic City; Route 33, Trenton to Freehold; Route 35, Rahway to Red Bank; Route 72, Four Mile Circle to Ship Bottom; Route 206, Netcong to Ross' Corner, and Route 444 at Cape May Court House; Race Track signs for the Garden State Race Track, and six 8' x 15' Project signs on Route 17 at Ridgewood; Route 208 at Colonial Avenue, Franklin Lakes, and Route 80 at Market Street, Paterson; erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 50, Cedar Swamp Creek, Cape May County; Routes 130 and 206, Bordentown, Burlington County, and Route 287, Stelton Road and New Durham Road, Middlesex County. Lombardi Striping Company was awarded Contract #3 for painting 2,596,756 lineal feet of 4" line and 78,994 lineal feet of 6" line in the Metropolitan area.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected two construction projects (Route 80, Section 2E, and Route 295, Section 2G) preliminary to acceptance by the bureau and found both to be in satisfactory condition for acceptance.

LANDSCAPE SECTION

Completed planting projects at Brooklawn Traffic Circle on Route 130; Route 22 turnaround areas in North Plainfield (19 White Pine trees donated by local Garden Club); Route 4 Parkway in Union County (planting of State flower, the violet, sponsored by New Jersey Garden Club); Routes 9, 166 and Parkway Connection, Toms River area (native planting sponsored by Toms River Garden Club); Route 78, Still Valley-Bloomsbury area (U. S. Soil Conservation donated new erosion tree and plant stock for test purposes); removed 52 large trees and trimmed numerous others throughout the State.

BRIDGE SECTION

Cutting encasement from bottom of beams at Hackensack Avenue Underpass on Route 4 at Hackensack to obtain a 14' vertical clearance; jacking south span of Edison Bridge on Route 9 back to original position and cutting expansion joints across roadway; completed repairs to timber sidewalk at Passaic River Bridge on Route 62 at Totowa, timber bulkhead at Beach Thorofare Drawbridge and steel bulkhead at Beach Thorofare fixed bridge on Route 30 at Atlantic City. J. I. Hass Company has completed 20% of work under its contract for painting the bridge carrying Route 1-Truck over the Passaic River at Newark, 10% of work under its contract for painting the Hackensack River Bridge on Route 3 at Secaucus, and 5% of the work under its contract for painting four bridges on Route 3 in North Bergen and Weehawken. Department forces completed the painting of the Keisler Avenue Pedestrian Overpass on Route 46 at Lodi, Bank Street Pedestrian Overpass on Route 46 at East Paterson, and County Road #511 Underpass on Route 202 at Whippany.

Maintenance and Operations

[illegible]

[illegible] new type green directionary signs on route 4, Fort Lee to Paterson; [illegible] 30, Berlin to Atlantic City; Route 33, Trenton to Freehold; Route 34, [illegible] to Red Bank; Route 72, Four Mile circle to Ship Bottom; Route 208, [illegible] for the Garden State Race Track, and six 84' x 15' [illegible] signs on Route 17 at Ridgewood; route 208 at Colonial Avenue, Franklin Lakes, and route 80 at Market Street, Paterson; erected [illegible] Connection Notices and [illegible] out notices prior to reconstruction in connection with construction [illegible] projects on Route 50, Cedar Swamp Creek, Cape May County; Routes 130 and 206, [illegible]-Burlington County, and Route 26?, Skelton Road and Burr Burden Road, [illegible]-Essex County. Lombardi Striping Company was awarded Contract #3 for painting [illegible] [illegible].

[illegible] OF CONTRACTED HIGHWAY PROJECTS

[illegible] two construction projects (Route 80, Section 2M, and Route 29, Section 2M) preliminary to acceptance by the bureau and found both to be in satisfactory condition for acceptance.

[illegible] Projects

[illegible] planting projects at Brooklawn Traffic Circle on Route 130; Route 22 [illegible] Union); Route 4, Fairway to Union County (Planting at Three Pillars, Old Indian Camp

MONTHLY DIVISIONAL REPORT Month of April 1961

Division: Maintenance and Operations

Bureau: Maintenance

CONSTRUCTION AND MAJOR MISCELLANEOUS PROJECTS

Completed miscellaneous construction projects totaling approximately $20,600.00, including driveway construction on Route 80 at Stony Brook Road, Rockaway Township, shoulder improvement on Route 80 at Mount Hope-Rockaway Road, drainage improvements on Route 27 in Franklin Township, Route 80 in Rockaway Township, Route 295 in Bellmawr, Route 10 in Morris County, and Route 1 in Lawrence Township; started work on intersection revision at Route 70 and Cuthbert Road in the vicinity of the Garden State Race Track on April 10 and completed project on April 28; started resurfacing program with a project on Route 46 in the vicinity of Pine Brook.

SNOW REMOVAL

On April 9 the bureau was confronted with a 2 to 4 inch snowfall in the northern part of the State, which necessitated the utilization of all bureau forces in that area, and on April 13 there was a 4 to 6 inch snowfall in the same area, which necessitated utilizing the services of four contractors and all bureau forces. Snow removal equipment is now being returned to Fernwood for repairs and storage.

PERMITS SECTION

Total of 254 applications processed, including 137 for road openings, 23 for the erection of poles, 73 for entrances and 21 for miscellaneous projects.

MAINTENANCE BUILDINGS AND STRUCTURES

Final plans prepared for Building 21 make-up air heating system and equipment is being requisitioned; construction completed on main office emergency generator building and new Right of Way offices at Newark Garage; bids scheduled to be received on May 4 for new water supply systems for maintenance yards at Manahawkin and Bridgeport and on June 1 on sprinkler systems for Buildings 17 and 34 at Fernwood; plans and specifications completed for replacement of roof for main office building; construction continued on new maintenance building at Routes 9 and 72 in Manahawkin, electrical design completed and materials ordered; completed roof repairs and installation of new furnace in maintenance building on Route 1 at Elizabeth; clearing and grading new maintenance yard site at Routes 50 and 322 at Mays Landing.

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MONTHLY DIVISIONAL REPORT Month of April 1961

Division: Maintenance & Operations
Bureau: Plant & Equipment

SNOW PLOW SECTION

Repaired and painted 14 plows; straightened and painted 18 moldboards. Repaired 15 hydraulic rams, 10 hydraulic hand pumps, 2 electric hydraulic pumps, 6 trip springs and 14 caster assys. Fabricated 16 push frames and 6 axle clamps. Equipped 4 Model 180 and 8 Model 200 International trucks for snow and ice control. Repaired and installed 4 Temple Gates on trucks. Six spreader gates installed and striped. Stripped 6 trucks for trade-in.

GENERAL REPAIR SHOPS

Safety lights, tail-lights and driving lights were repaired and/or installed on 41 pieces of equipment. The Carburetor and Ignition Shop completed 124 operations. The Car and Truck Ship completed 37 major and minor operations. The Mower, Carpenter and Tin Shops completed 80 major and minor operations. The Heavy Equipment Shop completed 49 major and minor operations. The Inspection Shop was kept busy with regular and special assignments. The Machine Shop completed a total of 191 major and minor operations. The following operations were completed in the shop and on the road: Equipment Operations, 90 major and minor repairs; Diesel Shop 53 major and minor repairs.

BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following work throughout the State:

Fernwood Service Station	Painted the office and window frames in Bldg. #2. Repaired overhead door track Bldg. #34. Repaired, adjusted and installed new coil springs in rear overhead door Bldg. #1. Repaired bad spot in roof, covered roof with Carey Roof Primer and Carey Roof Coating Bldg. #20 and Bldg. #33. Installed two new door holders in Bldg. #37. Built cabinet and rack Bldg. #20.
Avenel Garage	Built additional shelving for stock room.
Bogota Office	Boarded windows and doors. Closed field offices.
Clinton Garage	Installed new septic tank and drain lines.
Elizabeth	Remodeling buildings for Landscape Section. Also installed oil heating unit.
Flemington	Installed cast iron drain for car wash.

Installed new septic tank and drain lines.

Installed cast iron drain for car wash.

Hammonton Garage	Installed lights over mechanics bench. Installed new door and window sash in boiler room.
Manahawkin	Installed all rough plumbing for toilet. Also installed drain line for truck washing. Bay in new Maintenance Building.
Newark Garage	Built and painted cabinet for radio room. Finished new Right of Way Office. Built additional bins and racks for stock room. Installed light for Assistant Foreman.
Netcong Garage	Repaired overhead doors.
Paterson	Picked up confiscated material and stored in Fernwood. Removed heating system from Field Office and stored in Fernwood.

Water treated and serviced the following boilers and burners: Fernwood Area - Bldg. #1, #2, #3, #7, #9, #16, #18, #20, #21, #33 and #34. Other installations - Metuchen, Avenel, Newark, Jersey City, Lodi, Branchville, Dover, Netcong, Clinton, Bloomsbury, Flemington, Bogota, Sand Hill, Hammonton, Vineland, Toms River, Bridgeport and Belmar.

NEW EQUIPMENT

Two (2) 1961 International, Model C102, Travelall

One (1) 1961 Chevrolet, Model C14, Carryall

Eight (8) 1961 Studebaker Lark, 2 door sedans

Six (6) 1961 Studebaker Lark, 4 door sedans

One (1) 1961 Kiekhaefer-Mercury, Model KA211, 48" Chain Saw

Seven (7) Fox, Model 9S Mountable Spreader Bodies

CLAIMS

A total of $ 681.25 was collected during the month on insurance claims.

Built and painted cabinet for radio room. Finished new night
office. Built additional bins and racks for stock room.
ed Light for Assistant Foreman.

Picked up confiscated material and stored in Fernwood. Removed
hearing system from Field Office and stored in Fernwood.

Towing bollers and burners: Fernwood Area - Camp.

Monthly Report

April, 1961

The following is a list of operations completed at various Department Garages:

Garage	No. of Operations Completed	
Avenel	312	
Branchville	50	
Clinton	164	
Lodi	152	
Merchantville	300	
Netcong	207	
Newark	264	
Toms River	326	(Hammonton Garage Included)
Vineland	353	

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **April** 19 **61**

Division: **Personnel**

Bureau:

RECRUITMENT AND TRAINING

The college recruitment program was completed on Friday, May 5th, with a visit to Drexel Institute of Technology, Philadelphia, Pennsylvania. Eighteen campus visits were made during which 131 prospective 1961 graduates were interviewed. Initial interest was shown by about 48 of those interviewed who returned application forms. Twenty-five accepted invitations to visit here in Trenton for further interviews. After such visits, offers of employment were made to 20 young men believed to possess good potential for employment with the Department. Eight of these men to whom firm offers of employment were made have accepted and are scheduled to report for work after graduation in June. Ten have declined our offer and accepted employment elsewhere. Two remain pending.

In addition to campus recruitment, correspondence contracts were made with 27 of the young men who are students at colleges where we do not visit. Seventeen of these men visited the Trenton Office on invitation for personal interviews. Offers were made to 15 of these men. Thirteen accepted, 9 of which are now working and 3 who are scheduled to report following graduation. One has resigned following employment.

SUMMARY

Interviewed	Offers Made	Offers Accepted	Offers Pending	Offers Rejected
158	35	21*	3	11

*Nine now working; eleven scheduled to report following June graduation; one resignation following employment.

RADIO FREE EUROPE DRIVE

During the month of April the Radio Free Europe Drive was in effect. The Department this year successfully collected the sum of $200 from State Highway Employees.

SAFETY

The Safety Office was recently advised that the insurance premium rate for Highway Department property could be reduced considerably through the installation of additional portable fire extinguishing equipment, and also followed up by inspections on a regularly scheduled basis by a Highway Department representative.

The Safety Office has undertaken this responsibility and, to date, has installed the proper number, types and sizes of portable equipment in five of the buildings within the Fernwood Service Station group. The Newark installation was also inspected and readied for receiving portable fire equipment, to

Tuesday, May 5th, with a visit to Drexel Institute of Technology, Philadelphia, Pennsylvania. Eighteen campus visits were made during this period. Two graduates were interviewed who returned application forms.

Twenty-two graduates were employed with this department. Offers of employment were made to seven graduates. Five of these offers of employment were made before graduation. Two remain pending.

Seven graduates are scheduled to report following graduation. One has reported following employment.

be installed in specifically designated places. A further saving on insurance for this installation, possibly amounting to $250 a year, can be brought about by sealing the present doorway from the boiler room leading to the garage proper. This has been recommended, and no doubt will be accomplished.

It is expected that the movable bridge survey, which was undertaken recently, will be completed at the end of this month, and a report compiled of the findings and recommendations will be presented.

The Safety Office, at the present time, is working closely with the Department specification writers towards the development of a standard type of flasher-light, which would be acceptable to the Highway Department for use by contractors doing construction work for the Department.

Security

This month we once again started a weekend security check on Highway Department properties throughout the State. A similar program was undertaken sometime ago and proved very successful. Copies of the findings on each section, as it is completed, are referred to the division and bureau heads for appropriate action. A complete brochure on the findings will be presented to the Commissioner on completion.

* * * *

IN REPLY PLEASE REFER TO

Monthly Report
Division Planning,
Research, Soils and
Tests.

State of New Jersey

STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

May 2nd,1961

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the Month of April 1961.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Howard N. Rigby
Director and Chief Engineer
Division Planning, Research,Soils & Tests

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 1961

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

HIGHWAY USE SURVEY SECTION

Field

The regular programmed machine and manual counts were completed this month.

Office

The normal functions of processing and reviewing field counts have been resumed.

TRAFFIC DESIGN AND RESEARCH SECTION

During this period the major work items for this section were the continuation of basic analytical research into traffic signal synchronization; the estimation of traffic volumes for various items in the construction program; and the completion of a benefit-cost ratio analysis for I-95 in the Trenton area. Other items included the beginning of a study investigating the optimum length of acceleration lanes at traffic signals; and the preliminary office analysis of traffic O. & D. data collected along Route N. J. 47 in the Vineland area.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations; has checked the timing and operations of signallized intersections.

TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies, laying out and processing "no parking" regulations, making traffic investigations and parking studies, preparing and processing other traffic regulations and coordinating Departmental review of riparian rights.

HIGHWAY PLANNING SURVEY SECTION

Road Inventory

Field work has been suspended due to lack of personnel.

Road Mileage Statistics

Preparation of the 1960 State and Federal Aid Mileage Reports is under way.

The regular programmed machine and manual counts were completed this

The normal functions of processing and revising field counts have

During this period the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, re-timing and operation of traffic signals; has received and processed miscellaneous traffic investigations; has checked the timing and operations of signalized intersections.

The assignments under way in this section consisted of radar speed and parking surveys for speed zone studies, laying out and processing "no parking" applications, special traffic investigations and coordinating departmental and outside traffic regulations and coordinating departmental

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MONTHLY DIVISIONAL REPORT Month of April 1961

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION (Cont'd)

Mapping

The General Highway Series Maps are being revised and urban area enlargements are being prepared by the drafting section.

Annual Statistical Reports

The 1960 S.E., S.I. Report for the second six months of 1960 has been completed.

Origin and Destination Studies

The field work for an O. and D. Study on Route N.J. 47 in the Vineland area was completed during this period.

PENN-JERSEY TRANSPORTATION STUDY

The Bureau of Planning and Traffic was represented at the following meetings of the various committees of the Study:

April 5 - Executive Committee
April 7 - Technical Committee
April 20 - Policy Committee

Members of the Technical Committee have been organized into four sub committees for the purpose of making a review of all activities undertaken by the Staff, and to recommend proper procedures in expediting the various phases of the work.

ADDITIONAL STUDIES

Newark Transportation Study

The review of the report covering this study is now in progress. It is expected that some revision will be required and time should be allowed to the Consultant for this work.

Northeastern New Jersey Transportation Study

A draft of a letter to the eight counties has been prepared and submitted to Mr. Fritzsche. His comments have been incorporated into a revised draft which will be sent to the eight counties, together with an outline of study, an organization chart and a rough draft of the agreement for their participation in the Study.

Bureau of Planning and Traffic

Personnel

The Bureau of Planning and Traffic was represented at the following meetings of the various committees of the Study:

April 4 - Executive Committee
April 7 - Technical Committee
April 20 - Policy Committee

The Technical Committee have been organized into four sub-committees for the purpose of making a review of all activities undertaken by the Study, and to recommend proper procedures in expediting the various phases of the work.

Work Progress

The review of the report covering this study is now in progress. It is expected that such revision will be required and time should be allowed by the committees for this work.

Meeting with the Senior Draftsmen

A visit of a letter to the client committee was made by the Director to Mr. Pritchett. His reaction was quite favorable, and he will be sent to the client shortly, to discuss with the client's staff, the outline of study, an orientation chart and a rough draft of the agreement for their participation in the Study.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Planning, Research, Soils and Tests
Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, made necessary studies and submitted pavement recommendations for the following projects: (a) Route 130, Northbound Relocation, City of Burlington, (b) Route U.S. 9, from Route 79 to Route 524, and (c) Route FAI 80, Section 3, Denville to Wayne. Also made studies for proposed work on Route 130, from Pennsauken to Burlington.

Took cross-sections on experimental flexible pavements on Route 130, vicinity of Deans, to determine degree of rutting.

Took levels on concrete pavement, in two areas of suspected subgrade disturbance, on Route 78, between Bloomsbury and Still Valley.

Made limited inspection of flexible pavement on Route 69, between Bull Run Road and Pennington Traffic Circle. Localized settlements and considerable cracking of the bituminous surfacing were noted in several areas.

Made joint-faulting survey in connection with concrete pavement constructed in 1946 on Route 22, between Lebanon and Whitehouse. In a total of 196 joints in the outside lane, there are nine joints which appear to have faulted about 3/16ths inch. A detailed investigation of the conditions at these joints is planned.

Made limited study of the effects of growth in connection with an experimental section of plain concrete pavement constructed in 1949 on Route 130, vicinity of Deans, the coarse aggregate being dolomite. This pavement has undowelled contraction joints at 15-foot intervals and no expansion joints. As a result of growth, the winter opening of the contraction joints is now about .02 inches less than normal. Appreciably more growth has occurred in a transverse direction than longitudinally--apparently because the longitudinal growth has been restrained. There furthermore are indications that this pavement is now under considerable compression during hot weather. In one respect, however, the growth has been beneficial, in that it has tended to prevent the faulting of the joints.

BRIDGES

Took measurements in connection with the Magnolia Ave. Bridge, Elizabeth, and the Edison Bridge over the Raritan River, on Route 35. Submitted reports on their behavior. Also took measurements on bridge over Shark River, Route 71, and on several bridges on FAI 295 and Route 42 Freeway.

At request of Maintenance Bureau, installed measuring points in several new bridges on FAI 295.

as for the following projects: (a) Route 139,
City of Burlington, (b) Route U.S. 3, from Route
, and (c) Section 3, Danville to Wayne. Also
on Route 139, from Pennsauken to Burlington.

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determine degree of rutting.

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...o cracks. Localized saltlamenta and consolidable
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...ally--measurably because the longitudinal growth
... Furthermore the conditions that this pavement
...pression during hot weather. In one respect,
... beneficial, in that it has tended to prevent
.

...th the Hopewell Ave. bridge, Millstone,
... or bridge over Shark River, Route
... and Route 12 freeway.

In collaboration with Bridge Division, made inspection of concrete deck of bridge over Rainbow Thorofare, Route 52. This work involved cutting 47 holes in the bituminous surfacing, to expose the deck. In many locations the concrete was found to be in a very seriously disintegrated condition. Submitted a report, which included a compilation of pictures showing the conditions found.

MISCELLANEOUS

Participated in conferences relating to the investigation of the serious rutting of bituminous pavement on Route 73, between Route 130 and the Palmyra Bridge. This pavement involved a 6-inch bituminous-stabilized gravel base. It is expected that a report will be submitted in the near future.

At request of the Bureau of Public Roads, made inquiries to determine the steps taken to prevent accidents at toll booths, by the various agencies operating toll facilities in New Jersey.

In connection with the repair of pot holes occurring in pavements during cold weather, made arrangements with our Testing Laboratory to make preliminary tests on materials involving plaster-of-paris. If these materials appear promising, they will be tried under actual service conditions.

Representative of Bureau attended meeting at the AASHO Road Test, and participated in an inspection of some of the pavements in the Test. Submitted report in connection therewith.

Representative of Bureau spent one week with trainees assigned to the Bureau.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

Bids will be received for the construction of FAI Route 287 Section 3A on May 4, 1961. The plans call for both reinforced concrete 9" thick with 12" of subbase and a flexible pavement of 3" of FABC-2 on 7" of macadam base with a total of 24" of subbase and selected borrow. This stretch of roadway covers part of the section from US 1 to US 22 over which the Soils Bureau in conjunction with the Bureau of Research recommended that both pavement types be constructed. This decision was based on the fact that the proposed roadway traverses an area in which the soil, derived from the soft shale of the Brunswick formation, is very poor from the standpoint of bearing capacity. Previous designs of flexible pavements on the same subsoil in which the total thicknesses have been from 23" to 26" have shown progressive cracking and settlement due to the remouldable nature of the soil. Since the long-term performance of flexible pavements on very poor subgrades designed according to current criteria is still unknown, it was considered desirable to determine the relative merits of each type under comparable, adverse conditions.

The placement of Bridge Foundation Borrow Excavation in the wet excavated portion of FAI Route 295 Section 1C is virtually complete. The contractor intends to build a temporary span on the North Bound lane in order to truck Roadway Excavation from South of Big Timber Creek to be used in completing the embankment North of the creek.

Borings currently being made through the Bridge Foundation Borrow Excavation indicate that a layer of compressible material has been trapped under approximtely thirty feet of granular material. The Construction Division has been apprised of the condition but no recommendation will be made until the extent of the material is more accurately determined.

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very poor type and standpoint of bearing capacity. Previous designs of flexible
pavements on the same subsoil in which the total thicknesses have been from 23"
to 26" have shown progressive cracking and settlement due to the removable
action of the soil. Since the long-term performance of flexible pavements on
this poor subgrade depends to current criteria is still unknown,
it was considered desirable to determine the relative merits of each type under
comparable, adverse conditions.

The pavement of Old Route 17 between Ramapo and Suffern will be widened
between to build a temporary span on the North Bound lane in order to trench
existing excavation from South of Big Timber Brook to be used in completing the
widening North of the creek.

Bridges currently being made through the piping of granular material
indicate that a layer of impervious material was not been placed directly
over the granular material. The Construction Division has been apprised of
the condition but no recommendation will be made until the extent of the material
is more accurately determined.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Planning, Research, Soils & Tests

Bureau: Testing and Materials

MATERIALS' DEVELOPMENT

Stability and Flow determined by Marshall Test on Bank Run Gravel and Stone from various projects for use in Stabilized Base Course, and on FA-BC for Top Course. Drilled cores from five projects tested for Specific Gravity and Percent Voids. Exploratory work was done with a Polysulphide-Epoxy in combination with gravel and sand to determine a suitable grading of aggregates and proper proportioning for repair or resurfacing of concrete. Verification batches of concrete using Plasticizing-densifiers were made under a current Laboratory Investigation.

PERFORMANCE TESTING AND INSPECTION

Samples of graded material were tested and test batches of concrete made to ascertain quality of certain gravel sources in question. Material and plant facilities of a sand producer, having trouble meeting specifications, were completely checked. Poor white curbing on a project was cored with good curb of the same type and comparisons made of the absorption, specific gravity and compressive strength. The third cycle (each cycle equivalent to one year exposure outdoors) of the Accelerated Weathering Test performed in the Atlas Twin-Arc Weather-Ometer on Aluminum Paint and on Plywood sign material, has been completed. Samples of structural steel primers have completed the second cycle (600 hours) in the Atlas Weather-Ometer. Tests completed on two cement samples received from the National Bureau of Standards in the current cooperative test program. Requests were received for approval of two concrete batching plants. Road and Bridge construction in the Phillipsburg area were inspected for pop-outs. Tests made on the concrete being placed in the wingwall of a bridge structure to determine the correlation between the amount of air entrained and the yield of the concrete. The Laboratory Geologist visited the H.T. Campbell Sons' Corporation at Texas, Md., to confer with company officials in regard to their product (Calcite) complying with State Highway specifications. The Eastern Prestressed Concrete Company of Line Lexington, Pa., was contacted prior to their shipping prestressed beams to the Roosevelt Boulevard Bridge.

PERSONNEL

Three Assistant Engineer (Trainees) were given the Laboratory training course. An Engineering Aide I and Engineering Aide II were assigned to the Non-Bituminous Field Inspection Section.

MEETINGS

A conference was held with representatives of the Bradford Hills Quarry to determine the classification of their stone. Certain Laboratory and Highway Department members met with representatives of the American Bitumuls and Asphalt Company for a discussion of imported crude restrictions.

SAMPLES RECEIVED

During this month, 1759 samples were received for test as compared with 1795 samples received during the corresponding period of 1960.

JCR:AM 5-2-61.

Month of April

Planning, Research, Soils & Tests

Drilled cores from five projects tested for specific gravity
. Laboratory work was done with a Polyaulphide-Epoxy in
ral sand to determine a suitable grouting of appro-
proportioning for repair or resurfacing of concrete. Vert-

TESTING AND INSPECTION

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quality of certain gravel source in question. Material and plant
and producer, having trouble meeting specifications, were
tested. Poor white crushing on a project was cored with good
the same type and comparisons made of the absorption, specific
and compressive strength. The third cycle (each cycle equivalent
Atlas Twin-Arc Weather-Ometer on Aluminum Paint and on Plywood sign
, has been completed. Samples of structural steel primers have com-
the second cycle (500 hours) in the Atlas Weather-Ometer. Tests com-
on two cement samples received from the National Bureau of Standards
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Asphalt Company for a discussion of imposed crude restrictions.

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Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: Right of Way Acquisitions & Titles
Bureau: Legal

1. STATISTICAL

Papers drawn in April

Condemnation

Complaints - 14
Orders to Show Cause - 14
Orders of Continuance - 3
Orders for Possession - 4
Orders for Appointment of Guardian Ad Litem - 1
Orders Allowing Plaintiff to File Amendment to Complaint - 1
Amendments to Complaint - 1
Orders for Judgment and Appointing Commissioners - 8
Orders Substituting Commissioner - 4
Orders Extending Time for Filing Report of Commissioners - 10
Reports of Commissioners - 11
Orders Granting Compensation to Commissioners - 12
Orders of Dismissal - 13
Notices of Motion - 1
Notices on Appeal - 2
Orders on Appeal - 1
Orders for Striking Jury and Fixing Trial Date - 1
Orders Discontinuing Appeal - 1
Judgments - 2

Miscellaneous

Complaints - 1
Orders to Show Cause and Restraint - 1
Notice of Motion for Summary Judgment - 1

Number of Deeds Approved - 139
Number of Titles Approved - 125

Court Appearances - 46

II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same;

II. GENERAL ACTIVITIES (Cont'd.)

conferences with various Deputy Attorneys General.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

118 searches and 141 continuation searches were completed throughout the State.

TITLE EXAMINING

77 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

131 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

125 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

95 final settlements were made with property owners.

CONDEMNATIONS

32 Title Memorandums were prepared and forwarded to the Department of Law. 176 condemnation notices were served.

TITLE COMPANIES

57 deeds were delivered through the offices of title companies.

61 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake

Edward H. Drake
Title Officer

77 title searches were examined and reports of title prepared.

121 legal instruments were prepared and forwarded to the owners for their attorneys for execution.

39 title Memorandums were prepared and forwarded to the Depart-

97 deeds were delivered through the offices of title companies.

61 checks were delivered to title companies with instructions

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 1961

Division: Roads, Design and Construction
Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

Kiel Avenue, Morris County, S97(7)
Franklin Boulevard, Somerset County, S185(3)
Boonton Turnpike, Morris County, S186(3)
Lincoln Bridge, Passaic County, S245(1)

PREPARING SPECIFICATIONS

Lincoln Bridge, Passaic County, S245(1)

PROJECTS ADVERTISED

Vine Street Bridge, Cumberland County, S199(2)

BIDS RECEIVED

None

CONTRACTS AWARDED

Haddon Avenue, Camden County, S132(4)
Gooseneck Bridge, Monmouth County, S235(1)

PROJECTS ACCEPTED AS COMPLETE

None

MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections. Received Final Payment from Federal Government on F. A. S. Projects.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of APRIL 19 61

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of U-95(49) - Item 244 - Route US 1 (Construction; U-3(3) - Item 245 - Route 27 (Construction).

OFFICE ENGINEER

Processing Plans and Specifications for Route U.S. 1 & 9 Sections 2A & 4C, southbound crossovers, in Elizabeth & Newark; Route 4 Section 3B, Van Brunt Street; Route 7 Section 1A, from Passaic River to Route 17; Route 18, Section 1A, from N.J. Turnpike to Milltown Road; Route US 22 Sections 4A & 5A, Bethlehem-Union Township Line to West of Pittstown Road; Route US 22 Sections 14C & 15A, Empire Street to Sayre Road; Route 27 Section 3A, Stillwell Road and Route 27, Drainage; Route 71 Section 2A, West End Avenue to Stockton Avenue; Route 80, Section 4C, River Drive to Boulevard; Route 80 Section 4F, Garden State Parkway to Saddle River Road; Route 80 Section 4W, Beckwith Avenue to Pennsylvania Avenue;Demolition; Route U.S. 130 Sections 7C & 9C, Bridge and Left Turn Connectors; Route 287 Section 3B, from New Durham Road to Whitman Avenue; Route 287 Section 3C Whitman Avenue to Route US 1; Route 287 Sections 13B and 14A, from Vreeland Avenue to Rt. US 202; Glassboro State College - Parking area; Rutgers University - Parking and Service areas;

INTERSTATE

Route 80 Section 1, Studies completed and submitted to Bureau Public Roads for review; Route 80 Section 3, Definitive alignment plans approved by Bur. Public Roads. Design features reviewed by Bur. Public Roads and approved, Denville to Rt. 287; Route 80 Section 4, Reviewing contract plans for Sections 4C - 5 bridges, 4G - grading and paving and 4V - grading and paving. All part of 1960-61 for early advertising. Second demolition contract in Paterson area - Section 4W - submitted for review and early advertising; Route 80 Section 5, Plans - Route 17 to Green Street submitted for final review and processing. Plans Garden State Parkway to Route 17 - 99% complete, to be submitted for final review May 2, 1961. All part of 1960-61 Program; Route 95 Section 1, Sand Drain Contract completed and submitted for advertising; Route 287 Section 12, Plans completed and submitted for early advertising (middle contract); Route 287 Section 13, Plans completed and under final review for early advertising (north contract); Route 78 Section 5, Plans submitted and reviewed in Springfield area. Design underway for construction contract plans in connection with Route 24; Route 295 Deepwater to Bridgeport - meeting with Bur. Public Roads. Interchanges being reviewed by Geometric Section.

Location & Design

ning of T-95(42) - Item 2Ll - Route 43 I (Construction;
- 11 - Item 2Ml - Route 27 (Construction).

ving Plans and Specifications for Route U.S. 1 & 9
ons 2A & 4C, Woodbridge Township, in Middlesex &
e 4 Section 3B, Ven Grant Street; Route 7 Section 1A, From
River to Route 17; Route 18, Section 1A, From N.J.
ine to Hillsdown Road; Route 28 Sections 4A & 5A;
Union-Union Township Line to West of Hillsdown Road;
e 28 Sections 1MC & 1SA, Maples Street to Sayre Road;
e 27 Section 3A, Stillwell Road and Route 27, Reading;
I Section 2A, West End Avenue to Stockton Avenue;
ction 4C, Section 4D, River Drive to Boulevard; Route 60
ection 4E, Garden State Parkway to Saddle River Road;
ute 80 Section 4W, Bookmith Avenue to Pennsylvania Avenue; Camolliton;
te U.S. 130 Sections 7G & 9G, Bridge and Left Turn Conversions;
te 207 Section 3F, From New Durham Road to Whitman Avenue;
te 207 Section 3J Whitman Avenue to Route US 1;
ute 217 Sections 13B and 1MA, From Wreland Avenue to Rt. No. 70 206;
Monmouth State College - Parking area; Rutgers University - Fenwick
Service Areas;

ROUTINE

e 60 Section 1, Studies completed and submitted to Bureau
ic Roads for review; Route 30 Section 3, Tentative alignment
ns approved by Eng. Public Roads. Design Features reviewed
y Eng. Public Roads and approved, Berville to Rt. 207; Rte 9 30
ection 1, Reviewing comment plans for Sections 4G - 5 bridges,
- grading and paving and 4V - grading and paving. All part of
9-61 for early advertising. Second Condition contract in
erson area - Section 4V - submitted for review and early
rtising; Route 50 Section 3, Plans - Route 17 to Green Street
mitted for final review and processing. Plans Garden State
way to Route 17 - 95% complete, to be submitted for final
ew Jan 2, 1961. All part of 1960-61 Program; Route 95
tion 1, Hand Drain Contract completed and submitted for
ay advertising (widening contract); Route 207 Section 1J,

Section.

MISCELLANEOUS

Route 3 Section 1, Secaucus, Plans completed for first contract and being readied for early advertising; Route 15 Wharton to Sparta , Preliminary alignment approved. Design plans of first contract to begin; Route 23 - Charlotteburg to Newfoundland - Preliminary alignment approved. Preparing for public hearing; Route 22 - Boundbrook - Public Hearing held - Contract plans 50% complete; Route 21 Section 5C - Newark-Belleville - Alignment and details approved - contract plans underway; Route 27 - Linden to Rahway - Contract plans in two sections 90% complete. To be ready for advertising in May; Route US 1 Woodbridge Avenue Edison Township - Bur. Public Roads approval of preliminary plans received; Route 18 - Milltown and Cranbury Turnpike - Geometrics to Bureau Public Roads for approval; Route U.S. 202-69 Preliminary plans to Bur. Public Roads for approval; Public Hearings held for Routes US 202-206 - Bridgewater Township and Somerville Borough on 4-5-61, and for Route US 130 City of Burlington Dualization on 4-26-61.

through on 4-5-61, and for Route US 130 City of
Burlington on 4-6-61.

US 202-206 - Bridgewater Township and
Public Roads for approval; Public
approval; Route U.S. 202-69
and Cranbury Turnpike -
approval of preliminary
plans in two sections 90% complete.
Route 27 -
50 - Newark-Belleville - Alignment
Public Hearing held - Contract plans
Preparing for public hearing;
- Charlottsburg to Newfoundland -
Design plans of
Route 15 Wharton to
completed for first contract

Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of [illegible] 19[illegible]

Division: [illegible]

Bureau: Road Construction

ROUTE	SECTION	LOCATION	Apr. 1st.61	May 1st.61
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	68%	72%
9	12A & 13A	Drainage in the Cities of Linwood and Pleasantville	87%	96%
10	4B & 5A	Livingston Circle to Teed Road, Grading and Drainage	25%	37%
17	3A & 5A	Interchange East Ridgewood Avenue		1%
21	1-C	From Highfield Lane to So Parkway, Grading, Paving & Br.	80%	83%
[illegible]	10-A	Underpass at Mountain Avenue	4%	13%
[illegible]	[illegible]	Colidge Place to Bridge St. R.R. Bridge Reconstruction	41%	55%
[illegible]	[illegible]	From East St. to Lincoln Ave., Widening, Resurf. & Bridge	23%	32%
[illegible]	[illegible]	Wilburtha Road to Scudders Falls		
129	[illegible]	Delaware River Bridge to Scotch Road	74%	80%
[illegible]	2-A	Eisenhower Ave. to Curtis Point Drive, Paving & Grading	26%	36%
[illegible]	5-A	From Route 35 Traffic Circle to Oceanport Avenue	21%	26%
40	2-A	From County Road 540 to Route 48, Dualization and Bridge	20%	25%
[illegible]	[illegible]	Drainage in the City of Vineland	45%	66%
[illegible]	[illegible]	From Hammonton to Buena, Paving, Drainage and Culvert	8%	16%
[illegible]	[illegible]	From Back Brook to Rocktown, Pavt. Widening & Resurfacing	38%	46%
[illegible]	2-A	So. Branch Pennsauken Creek to Route 38	87%	89%
[illegible]	2-J	From C.R. of New Jersey to Mulhockaway Creek, Paving	4%	4%
[illegible]	[illegible]	Route U.S. 46 to Landing Road Interchange	4%	7%
[illegible]	2-L	Route U.S. 46 to Landing St. Bridge & Incidental Paving	98%	98%
[illegible]	2-H	Landing Road Interchange to Howard Blvd., Grading & Paving	50%	50%
[illegible]	2-J	U.S. 46 to Route 53, Grading, Paving and Bridges	41%	53%
[illegible]	2-J	U.S. 46 to Route 53, Grading, Paving and Bridges	41%	53%
[illegible]	[illegible]	Slaughterdam Rd. to Chobot Lane - Demolition of Buildings	82%	82%
[illegible]	[illegible]	Demolition of Buildings		8%
[illegible]	[illegible]	Hackensack River Bridge Substructure, Grading & Drainage	1%	7%
[illegible]	[illegible]	Sand Drains and Incidental Work	2%	4%
[illegible]	[illegible]	L.V.R.R. Bridge and Pavement Reconstruction	65% *	62%
[illegible]	[illegible]	Teaneck Creek to Northern R.R. of New Jersey	23%	36%
[illegible]	[illegible]	Overpass Bridge at Broad Avenue and Grand Avenue	61%	73%
[illegible]	[illegible]	Teaneck Road to Route 4, Grading, Drainage and Bridge	2%	3%
[illegible]	[illegible]	Route 4 to Fletcher Avenue, Grading, Paving & Bridges	2%	4%
[illegible]	[illegible]	Overpass Viaduct, City of Englewood	.008%	.008%
[illegible]	[illegible]	From Interchange at Route 73 Township of Pennsauken	63%	66%
[illegible]	[illegible]	Resurfacing, Interchange Improvements & Barrier Curb	6%	21%
[illegible]	1	Constable Hook to Point Breeze	84%	86%
[illegible]	[illegible]	Dualization So. Br. Raritan River to Beechwood Drive	38%	46%
[illegible]	[illegible]	Interchange Borough of Franklin Lakes	91%	92%
[illegible]	[illegible]	Bridge over N. Y., Susquehanna & Western Railroad	5%	25%
[illegible]	[illegible]	Interchange to Viaduct at Lehigh Valley Railroad	80%	81%
[illegible]	[illegible]	Weston Canal Road to River Road Interchange	94%	96%
[illegible]	[illegible]	East of River Road to Stelton Road, Grading, Paving & Br.	23%	27%
[illegible]	[illegible]	Browning Lane to Broadway, Grading, Paving & Bridges	81%	83%
[illegible]	[illegible]	Route 47 to Route U.S. 130, Grading, Paving and Bridges	98%	98%
[illegible]	[illegible]	From 8th Street to Weymouth Road, Dualization	31%	44%
[illegible]	[illegible]	Clendenny Ave., to Danforth Avenue, Paving Widening	43%	47%
		N. J. State Teachers College at Montclair - Contract #3	4%	4%
		Paterson State Teachers College - Contract #2	0.41%	14%

* Due to Bridge Change Order

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 19 61

Division: of Design & Construction

Bureau: Road Construction

CONTRACTS AWARDED IN APRIL

Route 7(1953) Section 2-A - Resurfacing from Second River Bridge to Centre Street. Awarded to Gallo Asphalt Company on April 5, 1961.

Route 50(1953) Sections 1A & 2A - Bridge & Approaches at Cedar Swamp Creek. Awarded to Ole Hansen & Sons, Inc. on April 5, 1961.

Route U.S. 206(1953) Section 20-A - Drainage Construction in the Borough of Stanhope. Awarded to Whippany Construction Company on April 5, 1961.

Route 46, Section 10-A - Intersection Improvements at Baldwin Road and Beverwyck Road. Awarded to Franklin Contracting Company on April 11, 1961.

Route 80, Section 4-K - Demolition of Buildings. Awarded to V. Ottilio and Sons on April 14, 1961.

CONTRACTS ACCEPTED IN APRIL

State College at Union Contract No. 2 - Grading and Paving Green Lane Extension. Accepted April 12, 1961.

Route 21 Freeway, Section 1-B - From Roosevelt Avenue to Highfield Lane Accepted May 3, 1961.

GENERAL NOTES

As of May 1, 1961, there were 46 projects underway, valued at $102,417,000. and being inspected by 186 men.

E. Y. Corson

E. Y. Corson
Supervising Engineer, Bureau of Road Construction

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of April 1961

Division: State Aid

Bureau:

GENERAL: Cold wet weather has delayed completion of some hold-over projects and delayed start of new projects.

COUNTIES: County forces have been engaged in preparatory work for annual surface treatment programs. Nearly all bidding for maintenance and repair materials is completed. 42 items requiring office processing were received, processing has been completed on 32 items.

MUNICIPALITIES: Projects carried over from 1960 are beginning to finish up. Some 1961 construction and maintenance projects have started. Progress has been slow because of unsatisfactory weather.

226 items requiring office processing were received, processing has been completed on 371 items.

PERSONNEL: Division is now in process of filling all vacancies from Civil Service lists.

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